

CLASSIFICATION SECRET

SUBJECT

Crystal Development at the Academy Institute for Medicine and Biology Berlin-Buch

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THIS IS UNEVALUATED INFORMATION

1. The Biophysical Department of the Academy Institute for Medicine and Biology in Berlin-Buch has recently succeeded in developing laboratory samples of cadmium sulfide crystals of high sensitivity. The crystals developed, however, had not been considered sensitive enough. The development is under the direction of Dr. Wilfried Herferath, who is assisted by Dipl. Phys. Krummholz (fmr). The crystals are chiefly used in the Institute on a carrier for purposes of X-ray dosimetry with an operating voltage of 10 to 15 V (maximum 25 V).
2. Dr. Herferath and Krummholz about three months ago started up the growth of zinc sulfide crystals. They have succeeded in developing samples which, however, are still too impure to be used for dosimetric purposes.

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